Orion700

NOBO
HEATING UK LIMITED

USER MANUAL

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Your Orion 700

This user manual will tell you how you can use the Orion 700 to control your heating, lights and other electrical appliances automatically based on your own planning. Orion 700 will help you reduce your energy costs and make your home more environmentally friendly, without reducing your home comfort.

It will take you about 5 minutes to learn all you need to know to start using your Orion 700.

Take good care of this user manual. In addition to telling you how to operate the unit the manual can help you plan how to best control the appliances in your home. You will also receive some hints on how to use the product to make the days less stressful and more comfortable.

About this user manual

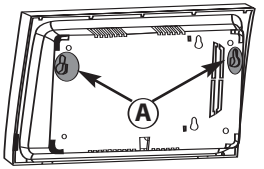
Chapters

The user manual is divided into six chapters:

1. **Introduction to your Orion 700** *pages 3-6*
2. **Programming your Orion 700** *pages 7-16*
3. **Re-programming your Orion 700** *pages 17-20*
4. **Overriding your Orion 700 programmes** *pages 21-28*
5. **Troubleshooting** *page 29*
6. **Your zones and profiles** *pages 30-31*

Getting Started

Installation and activation



This illustration is a schematic of a typical installation which should be carried out by a qualified electrician and all wiring and connections must comply with the current edition of the IEE Wiring Regulations. (UK only) please check regional country electrical industry regulations.

Installation

The Orion 700 can be fixed to the wall by means of two screws. These have to be screwed into the wall leaving 3mm from the head to the wall. The two screws are inserted through the holes on the rear (labelled A to the right), and the product is pulled downwards securing it in place.

In the Orion 700 packaging you will find a guide that will help you with spacing the two screws correctly.

Over the forthcoming pages you will be shown how to programme your Orion 700. In the event that the Orion 700 in your home has already been programmed either by another party or previous owners then please refer first to the section entitled 'Re-programming your Orion 700' on page 17

About Orion 700

How does the Orion 700 work?

The Orion 700 is a Digital Programmer, which can control the following systems via the appropriate wireless RECEIVER(s):

- Your electric central heating
- Your electric water heating
- Your electric towel rails
- Your 'Plug-in' lighting
- Other electrical appliances

You can programme according to your own needs. With the Orion 700 you can control the amount of electricity you consume in response to factors like working hours and vacations. In this way you can save money, and the environment, without any reduction of your home comfort.

Many other electrical appliances can be controlled, only your own imagination limits the use of your Orion 700. Automatic control of your lighting, your radio, your coffee machine can all be achieved by using the optional RCE 700 'Plug-in' (note optional extra) adaptor.

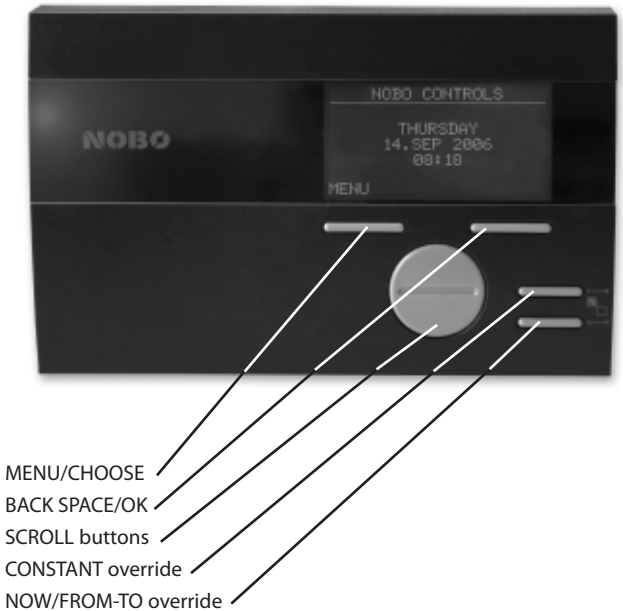
Getting to Know Your NOBO Orion 700 Controller?

Before we actually start programming the Orion 700 controller let us first familiarise ourselves with the layout.

The layout is elegant, functional and compact. The LCD display screen is at the top right position and below this are four slim, bar style, function buttons combined with a larger circular button that operates in a scroll up or scroll down way.

LCD Display Screen

The LCD screen is used to display useful information during normal running. When programming the controller, the screen provides information to assist programming. Usually when the screen is in normal operation it will display, the day, the date, the time and in the bottom left hand corner the word MENU appears over the MENU/CHOOSE button.



Description of the buttons

MENU/CHOOSE Button

Below the LCD display screen are the buttons that allow you to quickly programme the Orion 700. Starting first on the left we have the button which is the one used to choose the options you require (On the LCD, bottom left, the word MENU is seen just above the MENU/CHOOSE button). On pressing the MENU/CHOOSE button the options available are displayed on the LCD display screen.

BACKSPACE/OK Button

The button on the right of the MENU/CHOOSE button is the BACKSPACE/OK Button. When using this button you will see arrows or OK displayed on the LCD Display. This button is used to take you back one step enabling you to retrace your steps or exit a function.

SCROLL UP AND DOWN Button

Immediately underneath the MENU/CHOOSE and BACKSPACE/OK buttons is the large round SCROLL UP AND DOWN button. This is used for MENU options during programming.

Please note: By holding your finger on the button you will fast forward or back through various input functions.

NOW, FROM-TO and CONSTANT Override Buttons

There are two further buttons in the bottom right hand corner of the Orion 700 unit, below the BACKSPACE/OK Button. The first of which is the CONSTANT Override button and the second of which is the NOW and FROM-TO Override Button.

Setting Up and Programming the Orion 700 Controller

The following sequence is recommended:

1. Set Time and Date for the Orion 700 controller

2. Create your ZONE(s)

3. Add RECEIVER(s) to your ZONE(s)

4. Create PROFILE(s) for all your ZONE(s)

Useful Tips

- Give names to your ZONE(s) that are easy to remember. Preferably names describing the ZONE well.
- All NOBO recievers have a unique 12 digit code. This should be entered into the back of this manual together with corresponding zone information. Pages 30 and 31 have been designed for you to use in this manner.

If your Orion 700 has already been programmed and you wish to change the names of the zones or change settings or locate and identify certain receivers please refer to the section entitled 'Re-programming your Orion 700' on page 17

Setting Up and Programming the Orion 700 Controller

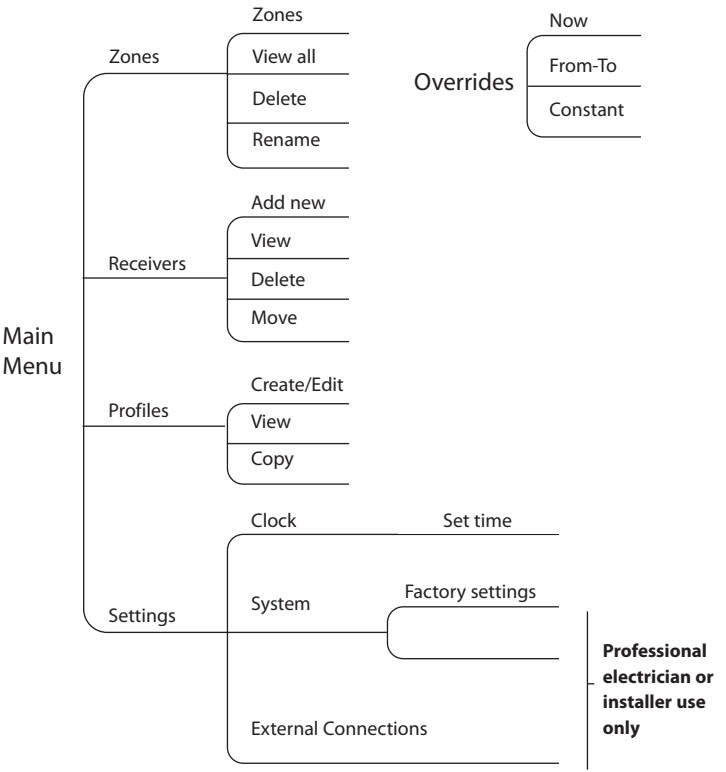
The SELECT button is used to start configuring and programming the Orion 700

When you press the MENU/CHOOSE button you can select:

- ZONES
- RECEIVERS
- PROFILES
- SETTINGS

E.g. To move into ZONES press MENU/CHOOSE button again (Now showing the word CHOOSE on the LCD) and then select one of the following options by using the SCROLL button.

- VIEW STATUS
- CREATE NEW
- DELETE
- RENAME



Starting to programme your Orion 700

1. Setting the Clock

(Use the SCROLL button to choose settings)

- Select MENU>SETTINGS>CLOCK
- Select day using the SCROLL button
- Press CHOOSE button to enter day of month
- Select the date using the SCROLL button
- Press CHOOSE to enter the day
- Select the month using the SCROLL button
- Press CHOOSE to enter the month
- Select the year using the SCROLL button
- Press CHOOSE to enter the year
- Select the hour using the SCROLL button (24 hour clock)
- Press CHOOSE to enter the hour
- Select the minute using the SCROLL button
- Press CHOOSE to enter the minute
- Press CHOOSE to save
- Select OK to confirm the date and time
- Press the BACK SPACE button to return to the main MENU

What is a Zone?

To simplify the control of your heating and other appliance which your Orion 700 will operate we have designed the Orion 700 to operate in ZONES.

Often you want several heaters, towel rails, water heating, lights or other electrical appliances to follow preset programmes. In order to do this you need to organize appliances with RECEIVERS into groups. These groups are called ZONES. There are no rules to how you group your appliances with RECEIVER(s) into ZONES, this is up to you. Different Appliances with RECEIVERS can be in the same group so long as the preset programme settings are the same. Appliances with RECEIVERS in the same ZONE can be located in different rooms etc. Every RECEIVER can only be a part of one ZONE since the ZONE can only have one preset programme at a time.

You can have up to 100 ZONES all working simultaneously. Each ZONE represents one preset programme from which either one or multiple appliances each with their RECEIVER can be operated. One ZONE can control different appliances in different locations.

Each ZONE is named for easy recognition. It makes sense to allocate appliances with similar functions together.

How do I best create ZONEs?

Examples of ZONE Setting:
- You could have one zone for the lounge
- One for the master bedroom
- Another zone for the guest or children's bedroom
- A towel rail with its own zone

2. ZONEs

Please collect all the information you have on appliances to be used with the Orion 700 system and decide what ZONES you will create. Allocate RECEIVERS for each appliance to be used. Collect all the RECEIVER CODE information from the RECEIVERS allocated to each appliance and divide these into the ZONES they will operate in.

How many ZONES you wish to create will depend on the size of your home and the number of different appliances you wish the Orion 700 to control.

Zones

Viewing the status for all the ZONEs

1. Select MENU>ZONES>VIEW STATUS

The screen presents the ZONE's current status (OFF/ON), tells you if the ZONE contains RECEIVERS (R), and lets you know if a PROFILE (P) has been created for the ZONE.

e.g. On lounge 2R P

> If your Orion 700 has already been programmed and you wish to change the names of the zones or change settings or locate and identify certain receivers please refer to the section entitled 'Re-programming your Orion 700' on page 17

Create a New ZONE (8 digit name)

(Using the SCROLL button)

- Select MENU>ZONES>CREATE NEW
- Enter desired ZONE name using the scroll buttons. (Press the NEXT button to move to the next letter in the ZONE name).
- Holding down the scroll button will fast forward or back
- Once complete press MENU button twice to SAVE.

The name of a ZONE must be a minimum of 8 digits. Space counts as a digit.

Delete a ZONE

(Using the SCROLL button)

Warning note: IF YOU NEED TO DELETE A ZONE PLEASE ALLOCATE ANY RECEIVERS LINKED TO THAT ZONE TO THE NEW ZONE FIRST.

- Select MENU>ZONES>DELETE>CHOOSE
- Select the ZONE you wish to delete by using the SCROLL button (if more than one ZONE). Press the MENU button twice to confirm deletion of ZONE
- The ZONEs weekly PROFILE will be automatically deleted

Rename a ZONE (8 digit name)

(Using the SCROLL button)

- Press MENU>ZONES>RENAME>CHOOSE
- Move to the ZONE you wish to rename by using the SCROLL button (if more than one ZONE).
- Press the MENU/CHOOSE button
- Enter desired new ZONE name using the scroll buttons. (Press the MENU button to move to the next letter in the ZONE name).
- Press the MENU button twice to confirm the new name of ZONE

If you make a mistake in the name you can use the BACK SPACE button to correct it.

What is a Receiver?

The Orion 700 works through the use of radio signals which are transmitted to discrete RECEIVERS fitted to most appliance you wish to control. The Orion 700 sends radio signals to RECEIVERS built into your electric heaters, or installed in electrical outlets, or the consumer unit in your home. Every RECEIVER has a unique address, in the form of a 12 digit RECEIVER CODE, enabling the Orion 700 to communicate individually with each device you wish to control.

About RECEIVERS

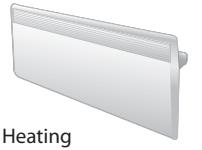
Each appliance or device you wish to control with the Orion 700 must have a receiver attached to it. Each RECEIVER will have its own unique RECEIVER CODE that ensures that the Orion 700 can identify and control each appliance on an individual basis.

Panel heaters will come supplied with an RDC 700 electronic Thermostat which contains the controls to set temperature levels as well as its own inbuilt wireless RECEIVER see page 20.

Receivers and their typical receiver code:

Electrical appliances

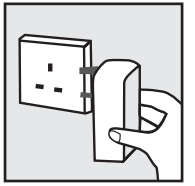
160 244 235 111
(example code only)



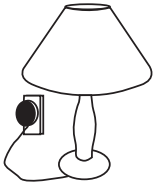
Heating

120 234 145 222
(example code only)

Towel Rail



220 045 023 255
(example code only)



lamp

Receivers

Add a new RECEIVER
(Using the SCROLL button)

- Select MENU>RECEIVERS>ADD NEW>CHOOSE
- Choose the ZONE you wish to add the RECEIVER to
- Enter the RECEIVER code using the SCROLL buttons
- You can fast scroll up/down by holding down the SCROLL button
- Press CHOOSE button to SAVE when this appears after setting the final code segment

View RECEIVER(s)
(Using the SCROLL button)

- Select MENU>RECEIVERS>VIEW>CHOOSE
- Select whether you want the RECEIVERS presented SORTED BY ZONE or if you wish to see ALL the RECEIVERS sorted by RECEIVER code
- If you choose to view the RECEIVERS SORTED BY ZONE: Select the ZONE for which you wish to see the RECEIVERS

Delete RECEIVER(s)
(Using the SCROLL button)

Warning note: You should never delete a receiver unless you are replacing a faulty unit. Receivers which are to be re-allocated should be moved using the procedure below (Move Receiver(s))

- Select MENU>RECEIVERS>DELETE>CHOOSE
- Select the ZONE you want to delete the RECEIVER(s) from
- Select whether you wish to delete ALL or ONE BY ONE
- If ONE BY ONE: Select the RECEIVER(s) you wish to delete
- Confirm deletion by Pressing the MENU button

Move RECEIVER(s)
(Using the SCROLL button)

- Select MENU>RECEIVERS>MOVE>CHOOSE
- Select the ZONE from which you want to move the RECEIVER using the SCROLL button
- Select the RECEIVER you wish to move using the SCROLL button
- Select the ZONE to which you want to move the RECEIVER using the SCROLL button
- Select the MENU button twice to confirm the move of the RECEIVER

What is a Profile

Each one of the possible 100 ZONES available can be programmed using a weekly cycle which is known as the PROFILE. The PROFILE consists of 24 hours, seven days of the week. For every day of the week you must assign the plan you require for that ZONE. The plan you select determines how many times the ZONE is switched OFF and ON, and when this occurs during the weekly cycle.

For all appliances other than panel heaters the profiles are either ON or OFF

Panel heaters have two settings for temperature: COMFORT LEVEL temperature and the other SET BACK (ECONOMY) level temperature. These are set manually on the heater panel as shown on page 20. 1 and 2 indicate ECONOMY and COMFORT temperature respectively.

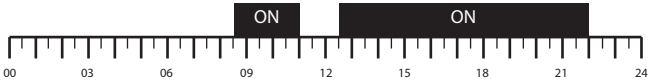
The electric heaters will be given a ZONE and you will design a PROFILE to suit your needs. The PROFILE set for your electric heaters will use the COMFORT LEVEL temperature setting when it is assigned to the ON position and the SET BACK (ECONOMY LEVEL) temperature setting, when assigned to the OFF position.

Example

The profile for the zone "Bathroom":

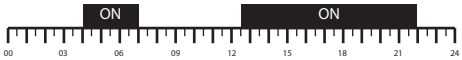
Monday to Friday

Saturday & Sunday



Summary with examples

You can divide your panel heater, towel rails, plug-in lights and other electrical appliances each with their own RECEIVERS into groups known as ZONES and give each named ZONE a predetermined plan or PROFILE. With this the Orion 700 can automatically control up to 100 ZONES and dictate when the appliances in a particular ZONE should be ON or OFF, in comfort, economy or frost. COMFORT or SET BACK (ECONOMY) in the case of Panel heaters.

Zone	Receiver Code (examples)	Profiles
"Bedroom1"* (Bedroom 1)	160 242 134 023 160 045 249 105 *(example codes only)*	Mon-Sun 
"Bathroom"	120 006 129 210 *(example code only)*	Mon-Sun
"Livingr"* (Living Room)	160 003 001 009 160 233 004 101 160 023 025 089 *(example codes only)*	Mon-Fri Sat-Sun

* Only 8 characters can be used to name a zone.

Profiles

Create a new PROFILE
(Using the SCROLL button)

a) Select MENU>PROFILES>CREATE/EDIT.>CHOOSE

b) Select the ZONE you want to make a PROFILE for

c) Select the day(s) you want to make a 24-hour plan for using the SCROLL button, and then select CREATE PROFILE.

Note: If you wish to set a similar profile for each day or days of the week, then by using the SCROLL button select multiple days at this stage. These multiple profiles will then be set. An asterisk appears as you select each day.

d) Create the desired 24-hour plan for the day(s)

e) Use the scroll buttons to travel along the timeline, and toggle between ON and OFF to change the mode for the RECEIVERs in the ZONE

f) Save by scrolling to the end of the timeline and menu SAVE

g) If there are days left without a 24-hour plan: Repeat steps c-e

Warning note: You must create a profile for every day even if that profile is a 24 hour SET BACK (ECONOMY) period for panel heaters or OFF for other appliances. When all the days of the week have a 24 hour PROFILE you will return to the create menu, press the BACK button to return to the main menu or the date display.

Copy a PROFILE to another ZONE
(Using the SCROLL button)

- Select MENU>PROFILES>COPY>CHOOSE
- Select the ZONE you want to copy the PROFILE from
- Select the ZONE you want to copy the PROFILE to

The PROFILE for all the days of the week are copied.
If the ZONE already has a PROFILE it is overwritten by the copy.

Re-programming your Orion 700

What happens if your Orion 700 has already been programmed?

It is quite likely that your Orion 700 has already been programmed and you wish to change the settings. This is likely if you have moved into your home and the previous owner has already programmed the unit or alternatively if you have moved into your new home and the contractor or electrician has programmed the unit.

In these circumstances it is recommended that you read chapter 2 entitled 'Programming your Orion 700' in order to familiarise yourself with the functionality of the unit.

Zones and Receivers

Each appliance or device you wish to control with the Orion 700 must have a receiver attached to it. Each receiver will have its own unique 12 digit code that ensures the Orion 700 can identify and control each appliance on an individual basis.

Panel heaters come supplied with an RDC 700 electronic Thermostat which contains the controls to set temperature levels as well as its own inbuilt wireless Receiver. (Further information on Thermostat Control is found on pages 20).

All NOBO panel heaters have a unique 12 digit code. A copy of that code should also be found in the back pages of this manual identified to each zone. If however this code and corresponding zone information is missing it will be necessary for you to locate and identify the receiver codes yourself, this can be done as follows:

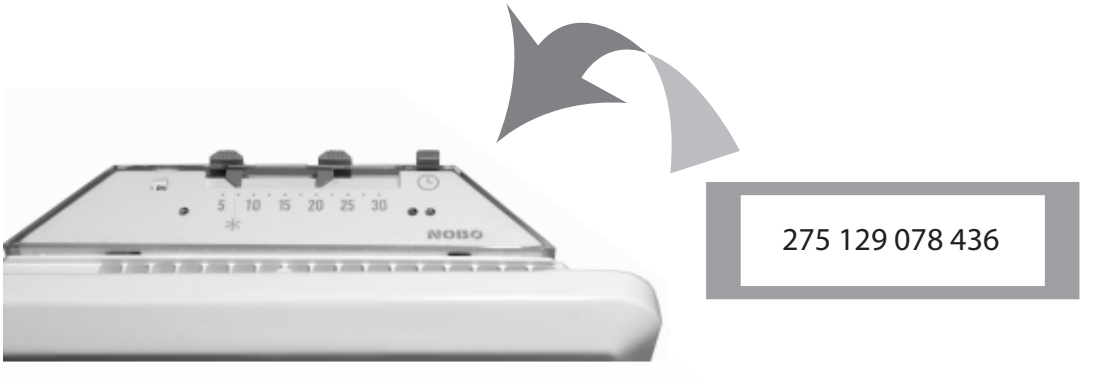
Re-programming your Orion 700

Locating Receivers

NOBO Panel Heaters

In the case of NOBO panel heaters, the 12 digit code is located at the back of the electronic thermostat and can be found by depressing the folding hinges at the back of the heater and pulling forward to reveal the code. See illustration below.

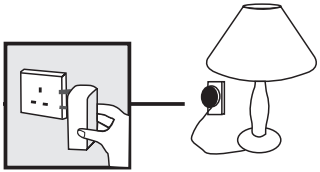
It may be that certain appliances in your home such as towel rails or the water heating system have receivers that you are unable to locate in this instance please refer to your NOBO regional website the address you will find printed at the back of this Manual.



Re-programming your Orion 700

'Plug-in' Appliances

'Plug-in' appliances such as lights are operated through an RCE 700 (optional accessory) Receiver which is connected to the appliance in a conventional plug socket. In this instance the 12 digit receiver code is pre printed onto the RCE 700 Receiver unit. A copy of the sticker(s) should also be found at the back of this manual. Un-plug the RCE 700 unit and the code sticker should be visable at the back of the unit.



Water heating

It may be that your water heating system is operated by the Orion 700.

Here an RSX 700 receiver will be connected to the main electrical control unit. The receiver code sticker is pre printed onto the RSX 700 Receiver unit. A copy of the sticker should also be found at the back of this manual.

Towel Rails

It may be that your bathroom towel rail heaters are operated by the Orion 700. An RS 700 receiver will be connected to the towel rail and the receiver code sticker is pre printed onto the RS 700 Receiver unit. A copy of the sticker should also be found at the back of this manual.

Once you have your 12 digit code for your applicance then you can programme, see chapter 2 on page 7.

Understanding your heater and thermostat controls

Heater control module operating instructions

Switch the heater on with switch **6**
Set chosen comfort temperature with control **1**
Set chosen economy temperature with control **2**

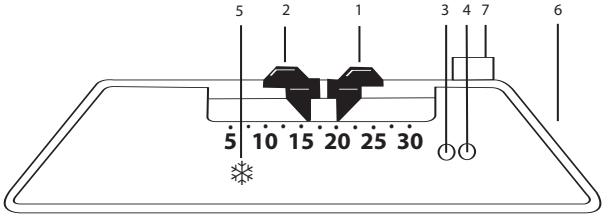
Please note: When the red light **(3)** is visible the heater will operate in COMFORT mode **(1)**.

When the green light **(3)** is visible the heater will operate in SET BACK (ECONOMY) **(2)** mode, when the green light **(3)** is flashing green the heater is operating in FROST mode as controlled by your Orion 700. When the green light flashes intermittently the heater is in STOP mode as controlled by your Orion 700.

Button **(7)** may be used to override the current programme from either COMFORT to SET BACK (ECONOMY) or SET BACK (ECONOMY) to COMFORT until the next programme change.

The amber operating light **(4)** indicates that the element is giving heat and will be seen to go on and off as the thermostat adjusts the amount of heat supplied.

When the mode of operation is either frost protection or STOP, Orion 700 has control and both the heater and controls are inoperative.



Heater control module RDC 700

1. COMFORT temperature adjustment
2. ECONOMY temperature ajustment
3. Red/green combination LED.
   Red COMFORT mode indicator light
   Green SET BACK (ECONOMY) mode indicator light
4. Amber operating indicator light
5. Frost protection symbol
6. ON/OFF Switch, I = on, O = off
7. Override button

Overrides

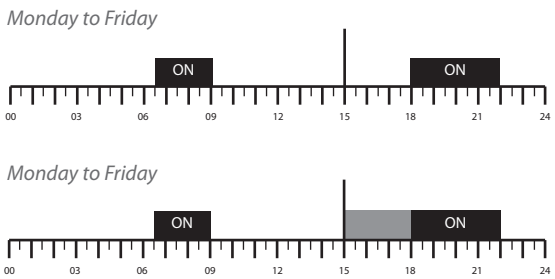
Temporary change of plans

You may arrive early from work one day, or leave home for a week-end, or even travel on vacation for a couple of weeks. Orion 700 can easily take into account such temporary changes in your plans and adjust the PROFILES you want. This is called overriding the PROFILE.

To make this easy Orion 700 has three types of overrides: NOW, FROM-TO, and CONSTANT. An override cancelss the normal PROFILE for a ZONE, This can last for a period of time decided by you, or until you cancel the override.

Override: NOW

This override reverses the status of the PROFILE from its current value. A PROFILE that was ON will now change to OFF, and vice versa. This temporary change lasts until the next time the original PROFILE is scheduled to change value between ON and OFF or in the case of Panel heaters from COMFORT, SET BACK (ECONOMY) or vice versa.



The time is 15.00 and we want to override the zone "Bedroom" from being OFF to being ON. We activate the override NOW function. When the time becomes 18.00 the profile returns to its original state.

Overrides

Examples of use: Override NOW

You arrive earlier from work than usual and you want the apartment warm despite the PROFILE indicating that your heating will not be turned on for another two hours.

You press the override button, choose NOW, and enter the ZONEs you want. In this case the living room heating that you have grouped into the ZONE "Livingr". You activate the override and the status is changed to ON. After two hours (when the "Livingr" PROFILE was meant to go ON) the normal PROFILE takes over control of the ZONE.
In this case the ZONE's status will remain ON.

Override: NOW
(Using the SCROLL button)

Select CHOOSE>ZONE (asterix appears)

Choose another zone or select OK

Display shows 'Overrides Active'

Override: NOW

To cancel all overrides

Cancel overrides ALL ACTIVE
CONSTANT
FROM-TO
NOW

Choose NOW

Message Cancel overrides now

Choose OK

To cancel only selected zones.

Select the OVERRIDE NOW/FROM-TO button

Choose NOW

Scroll through the zones you want to cancel the override for

Choose DELETE

Choose OK

Overrides

Override FROM – TO

With this override you can select:

1. Which ZONE (s) to override.
2. When the override begins and finishes.
3. If the ZONE should be ON or OFF (Panel heater COMFORT or SET BACK (ECONOMY)

In addition to ON or OFF you can assign the values STOP or FROST.

STOP removes the electrical appliance from Orion 700's control.

FROST dictates any Panel heater in the ZONE to hold a constant 7 degrees.

To speed up the use of this function default, values are displayed for all menu options.

Towel rails, hot water and other appliances controlled by the Orion 700 will turn off if SET BACK, FROST or STOP is selected.

Examples of use: Override FROM – TO

You are going on vacation and would like all your heating to be on FROST. For the Heating override, enter the ZONE (s) containing your heating and then enter their status as (*FROST). Finally you enter your departure time and when you will return, and activate the override.

This override is designed to permanently override an existing profile. The override lasts until you choose to cancel it or the end period is reached in your FROM-TO setting.

This override also lets you set the values ON, OFF, FROST, or STOP for the ZONE. (COMFORT and SET BACK (ECONOMY) for Panel heaters).

Overrides

Override: FROM-TO
(Using the SCROLL button)

Select override NOW>FROM-TO button

Choose Override FROM-TO

Select CHOOSE

Choose a zone to override FROM-TO

Note: Use the SCROLL & CHOOSE buttons to move through the dates and times to make your selection.

Override level using the SCROLL> CHOOSE from:-

SET BACK
COMFORT
FROST
STOP

Note:- When selecting the above functions the thermostat LED on your panel heaters will change to the following:-

Mode	**Panel Heater LED**
IN COMFORT	Red
Override to SET BACK	Green
Override to FROST	Green Flashing
Override to STOP	Green Intermittent
IN SET BACK	Green
Override to COMFORT	Red

Select SAVE

Select another zone or OK

Select OK or DELETE

Display shows override active

Overrides

Cancel Override

To cancel all overrides:-

Choose cancel overrides button

Select your choice

Choose from ALL ACTIVE
CONSTANT
FROM-TO
NOW

Press the Override All Active button

Choose OK

To cancel selected zones:-

Select NOW/FROM-TO button

Select NOW/FROM-TO

Select DELETE

Select the zones you wish to cancel

The message Delete overrides on zones x or y (your zone names) appears

CHOOSE OK

Choose another zone to cancel or select OK

Select OK to return

Overrides

Override CONSTANT

This override is designed to permanently override an existing profile. The override lasts until you choose to cancel it. This makes the override particularly useful when you are unsure of what time you wish the PROFILE to return to its normal state.

This override also lets you set the values ON, OFF, FROST, or STOP for the ZONE. (COMFORT and SET BACK (ECONOMY) for Panel heaters).

Examples of use: Override CONSTANT

You commute weekly and seldom know how many working days you will be away in any given week. You want to cut down on your electricity expenses, but you still want your house to seem inhabited and you want your Panel heaters to remain in FROST or ECONOMY settings.

On your way out you press the CONSTANT override button. You select all your ZONE(s) containing heating and enter their status to (FROST or SET BACK (ECONOMY). Most of the ZONE(s) containing lighting are put on STOP which will be OFF, but a few selected lights, which you have grouped in a separate ZONE just for this purpose, are left running on their usual PROFILE. These simulate an inhabited home.

If you override zones containing towel rails or your hot water system to SET BACK, FROST or STOP they will be OFF.

Overrides

Override: CONSTANT
(Using the SCROLL button)

Select CONSTANT override button

Select CHOOSE

Select the zone using the scroll button

Select the type of overrides using the SCROLL> CHOOSE from:-

SET BACK
COMFORT
FROST
STOP

Note:- When selecting the above functions the thermostat LED on your panel heaters will change to the following:-

Mode	**Panel Heater LED**
IN COMFORT	Red
Override to SET BACK	Green
Override to FROST	Green Flashing
Override to STOP	Green Intermittent
IN SET BACK	Green
Override to COMFORT	Red

Choose another zone to cancel or select OK

Select OK to return

Display shows override active

Overrides

Cancel Override

To cancel all overrides:-

Choose cancel overrides button

Select your choice

Choose from ALL ACTIVE
CONSTANT
FROM-TO
NOW

Press the Override All Active button

Choose OK

To cancel selected zones:-

Choose>CONSTANT button

Choose DELETE

Select the zones you wish to cancel

The message Delete overrides on zones x or y (your zone names) appears

CHOOSE OK

Choose another zone to cancel or select OK

Select OK to return

Troubleshooting

Error	Reason	Action
The unit's display is dark	The power has failed	Check your supply, check your fuses
Zone not working	The system has frozen	Restart by pressing the right menu button and both override buttons simultaneously. If error persists, contact your dealer
	The receiver code is wrong	Check the receiver code. Correct any mistakes in the receiver menu
	The Orion 700 signal fails to reach the RECEIVER	If possible, move the unit closer to the receiver and look for any changes. If not, install a second RECEIVER between the unit and the receiver. This second receiver will function as a relay transmitter.
	The receiver is faulty	Exchange the receiver for a new one - contact your dealer
The receiver does not change status/value. The unit does not indicate any errors	The receiver is not correctly activated for the desired zone	Check that the receiver code is in the desired zone. Go to the menu RECEIVER> VIEW and menu SORTED BY ZONE
	The receiver is faulty	Exchange the receiver for a new one - contact your dealer
Override FROM-TO does not activate at the specified time	The Orion 700 clock is set incorrectly	Check date and time for the unit (you can use the return arrow repeatedly to return to main window). If wrong, set the time in the SETTINGS menu
	The activation-time is set incorrectly	Press the override button, menu FROM-TO and check/edit the time in the TIME menu
Why is my Panel heater LED flashing green	One or all zones have been overriden to FROST mode	Cancel overrides FROM-TO or CONSTANT see pages 25 & 28
Why is my Panel heater LED flashing green intermittently	Zones have been overriden to stop mode	Switch on the heater mains switch or cancel FROM-TO or CONSTANT override see pages 25 & 28

My zones and receivers

Receiver code	Location/Description	Zone name
Example *160 002 003 004*	*The heater close to my bedroom window*	*Bedroom1*

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